

Dividing Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

1. $1\frac{1}{2} \div \frac{6}{7} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

2. $\frac{3}{4} \div 1\frac{2}{7} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

3. $\frac{3}{4} \div 3\frac{1}{3} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

4. $\frac{1}{9} \div 1\frac{2}{3} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

5. $\frac{1}{3} \div 2\frac{1}{2} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

6. $\frac{5}{7} \div 3\frac{4}{5} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

7. $\frac{2}{3} \div 1\frac{1}{4} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

8. $1\frac{1}{3} \div \frac{3}{4} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

9. $\frac{4}{9} \div 1\frac{2}{3} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

10. $\frac{1}{5} \div 1\frac{1}{8} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

Dividing Fractions (F) Answers

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Calculate each quotient.

$$1. \quad 1\frac{1}{2} \div \frac{6}{7} = \frac{3}{2} \div \frac{6}{7} = \frac{3}{2} \times \frac{7}{6} = \frac{21}{12} = \frac{7}{4} = 1\frac{3}{4}$$

$$2. \quad \frac{3}{4} \div 1\frac{2}{7} = \frac{3}{4} \div \frac{9}{7} = \frac{3}{4} \times \frac{7}{9} = \frac{21}{36} = \frac{7}{12}$$

$$3. \quad \frac{3}{4} \div 3\frac{1}{3} = \frac{3}{4} \div \frac{10}{3} = \frac{3}{4} \times \frac{3}{10} = \frac{9}{40}$$

$$4. \quad \frac{1}{9} \div 1\frac{2}{3} = \frac{1}{9} \div \frac{5}{3} = \frac{1}{9} \times \frac{3}{5} = \frac{3}{45} = \frac{1}{15}$$

$$5. \quad \frac{1}{3} \div 2\frac{1}{2} = \frac{1}{3} \div \frac{5}{2} = \frac{1}{3} \times \frac{2}{5} = \frac{2}{15}$$

$$6. \quad \frac{5}{7} \div 3\frac{4}{5} = \frac{5}{7} \div \frac{19}{5} = \frac{5}{7} \times \frac{5}{19} = \frac{25}{133}$$

$$7. \quad \frac{2}{3} \div 1\frac{1}{4} = \frac{2}{3} \div \frac{5}{4} = \frac{2}{3} \times \frac{4}{5} = \frac{8}{15}$$

$$8. \quad 1\frac{1}{3} \div \frac{3}{4} = \frac{4}{3} \div \frac{3}{4} = \frac{4}{3} \times \frac{4}{3} = \frac{16}{9} = 1\frac{7}{9}$$

$$9. \quad \frac{4}{9} \div 1\frac{2}{3} = \frac{4}{9} \div \frac{5}{3} = \frac{4}{9} \times \frac{3}{5} = \frac{12}{45} = \frac{4}{15}$$

$$10. \quad \frac{1}{5} \div 1\frac{1}{8} = \frac{1}{5} \div \frac{9}{8} = \frac{1}{5} \times \frac{8}{9} = \frac{8}{45}$$